

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3802	spool\$3 same print\$3 same control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 14:40
L2	352	(235/462.15).CCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/09/08 14:40
L3	2	L1 and L2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 14:40
L4	20156	(358/1.11-1.18).CCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/09/08 14:40
L5	10339	(707/10).CCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/09/08 14:40
L6	38	L5 and L4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 14:40
L7	19454	(failure error) with (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 14:40
L8	517	(715/736).CCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/09/08 14:40
L9	5	L8 and L7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 14:40
S1	115293	spool\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/11 09:20
S2	9747	spool\$3 same print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/11 09:20
S8	1	"10/775090"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/13 19:29

S9	1	"10/774473"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 12:21
S13	12	"20020054321" "20020030851" "20030046314" "20030053082" "20030053105" "20030225821" "20030227648" "20030225821" "20040156069"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 13:20
S14	1	("6685292").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/10/14 12:57
S15	0	"20020202604"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 13:20
S16	2	"20020002604"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 13:20
S17	1029	mima.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 13:21
S18	1	"20020101604"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/14 13:21
S19	1	("6380951").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2007/10/16 08:43
S20	12888	((358/1.14) or (358/1.15) or (358/1.16)).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/05/05 17:15
S21	8220	(707/10).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/05/05 17:15
S22	402	(715/736).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/05/05 17:15
S23	21081	((707/10) or (358/1.14) or (358/1.15) or (358/1.16)).OCLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/05/05 17:16

S24	1607	S23 and spool\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S25	662	S24 and ((several plurality many) near3 printer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S26	3379	spool\$3 same print\$3 same control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S27	192	S26 same (ID identification)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S28	124	S27 and (os "operating system")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S29	111	S28 and manag\$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S30	46	S29 and ((several plurality many) near3 printer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/05 17:16
S31	935	bain.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:18
S32	3149	transient same print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:18
S33	1	S31 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:19
S34	0	trancsient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:20
S35	6	trancient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:20
S36	201229	transient	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:20
S37	5	S31 and abort	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 14:20
S38	7	S31 and spool\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/25 15:24
S39	663	transient same queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:22

S40	1	S39 same spool\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:23
S41	3	S39 and spool\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:29
S42	7437	spool\$3 same (abort\$3 terminat\$3 paus\$3 suspend\$3 resum\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:32
S43	276	S42 and "358".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:32
S44	526	S42 same print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:33
S45	252	S44 and "358".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 19:33
S46	13547	((358/1.14) or (358/1.15) or (358/1.16)).COLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/09/26 21:40
S47	3503	spool\$3 same print\$3 same control\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 21:41
S48	824	S46 and S47	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 21:41
S49	317	(235/462.15).COLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2008/09/26 21:42
S50	2	S47 and S49	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/09/26 21:42
S51	0	transcient with queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:15
S52	343	transient with queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:16
S53	14367	((358/1.14) or (358/1.15) or (358/1.16)).COLS.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/03/26 10:17
S54	1	S52 and S53	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:17

S55	10	S52 same (abort\$3 terminal\$3 paus\$3 suspend\$3 resum\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:19
S56	2	S52 same (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:34
S57	3	S52 same (print\$3 mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:35
S58	76	S52 and (print\$3 mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:36
S59	10927	spool\$3 same print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:53
S60	2116	S59 same (chang\$3 switch\$3 shift\$3 exchang\$3 interchang\$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 10:53
S61	8482	spool\$3 with print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 11:05
S62	1550	S61 same (chang\$3 switch\$3 shift\$3 exchang\$3 interchang\$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 11:05
S63	611	S61 same ((chang\$3 switch\$3 shift\$3 exchang\$3 interchang\$3 swap\$4 trad\$3 replac\$3) with (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 11:07
S65	159	S63 and queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 11:08
S66	40	S63 same queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 11:08
S67	479	spooling with (print near2 data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 12:37

S68	11	S67 same ((chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3) with (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 12:38
S69	2	S52 and "358".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 15:36
S70	28	transient adj queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 15:54
S71	80	transient near2 queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 19:21
S72	21	S71 and print\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 19:21
S73	9	S71 and (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 21:45
S74	419	queue same ((chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3) with (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:00
S75	790	queue same ((chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3) same (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:00
S76	420	queue same ((chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3) with (printer mfp ((printing imaging) near3 (device apparatus)) ((alternate substitute) near3 (printe mfp)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:02

S79	1	"20060044594"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:12
S80	104	"5625757"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:13
S81	1	("5625757").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/26 22:14
S82	229	S76 and "358".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:28
S83	202	(print print\$3) with (queue near3 (multiple many several))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:37
S84	173	(print print\$3) near3 queue near3 (multiple many several)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:38
S85	107	S84 and "358".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 22:38
S86	9	S84 same (chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 23:12
S87	14	S83 same (chang\$3 switch\$3 shift\$3 exchang\$3 interchang \$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/26 23:15
S81	489	((alternate substitute) near3 (printe mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/27 17:03
S92	19387	((alternat\$3 substitut\$3 chang\$3) near3 (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/27 17:10
S93	25	queue same ((alternate substitute) near3 (printer mfp))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/27 17:11
S95	18689	(failure error) with (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/27 18:42

S96	32	queue same ((alternate substitute) near3 (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 00:19
S97	18689	(failure error) with (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 00:23
S98	91	S97 same ((alternate substitute) near3 (printer mfp ((printing imaging) near3 (device apparatus))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 00:23
S99	19195	(358/1.11-1.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/28 07:53
S100	18689	(failure error) with (printer mfp ((imaging printing) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 07:53
S101	2545	S100 and S99	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 07:53
S102	9552	(707/10).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/28 07:55
S103	32	S102 and S99	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 07:55
S104	472	(715/736).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/28 07:55
S105	1	S104 and S99	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 07:55
S106	340	(235/462.15).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/28 07:56
S107	6	S106 and S99	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/28 07:56
S108	53	transient adj2 queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 08:13

S109	1099	spooling same printing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:07
S110	655	spooling with printing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:08
S111	75	S110 same queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:08
S112	1273	spooling with prints	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:53
S113	170	S112 same queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:53
S114	126	S112 with queue	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:53
S115	10	S112 with (concurrently "same time")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/30 09:54
S116	210382	(printer mfp multi- function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) same (chang\$3 switch \$3 shift\$3 exchang\$3 interchang\$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:35
S117	195687	(printer mfp multi- function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) same (chang\$3 switch \$3 shift\$3 swap\$4 trad \$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:36
S118	1334	S117 same (spool\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:36
S119	118501	(printer mfp multi- function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) with (chang\$3 switch\$3 shift\$3 swap\$4 trad\$3 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:37

S120	693	S119 same (spool\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:38
S121	413	S119 with (spool\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:38
S122	0	S121 with (continous\$2 non-stop\$4 "non stop" concurrent\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:40
S123	0	S119 same (spool\$3 with (continous\$2 non- stop\$4 "non stop" concurrent\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:40
S124	678	(spool\$3 with (continous \$2 non-stop\$4 "non stop" concurrent\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:41
S125	0	S117 same S124	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:41
S126	41	S117 and S124	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:41
S127	24	S119 and S124	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:42
S128	40312	(printer mfp multi- function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) near3 (chang\$3 switch \$3 shift\$3 swap\$4 replac\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:48
S129	141	S128 with (spool\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/03 16:48
S130	12273	(printer mfp multi- function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) near3 (interrupt\$3 paus \$3 stop\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:49
S131	79	S130 with (spool\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:49

S132	0	S130 with (spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:53
S133	0	S130 same (spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:53
S134	60045	(printer mfp multi-function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) same (interrupt\$3 paus \$3 stop\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:53
S135	5	S134 same (spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:53
S136	3117	(spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:56
S137	1178081	(printer mfp multi-function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:56
S138	46	S136 with S137	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 22:56
S139	6931	(printer mfp multi-function\$2 multifunction \$2 ((printing imaging forming) near3 (apparatus device))) near3 (error)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 23:25
S140	0	S136 with S139	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 23:25
S141	0	S136 same S139	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 23:25
S142	10	S131 same S139	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/04 23:25

S143	3117	(spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted (carry\$3 adj on)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 15:03
S144	3117	(spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 15:09
S145	36	S144 with ((print\$3 near2 job) job document)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 15:16
S146	71	S144 same ((print\$3 near2 job) job document)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 21:37
S147	35	S146 not S145	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 21:38
S148	34	S144 with ((print\$3 near2 data) data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/05 23:31
S149	3117	(spool\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/07 13:49
S150	86	S149 with (interrupt\$3 stop\$3 pause switch\$3 error)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/07 13:49
S151	47	S149 with (interrupt\$3 stop\$3 pause error)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/07 13:49
S152	1539	(queue\$3 near3 (continuous\$2 concurrent\$2 non-stop "non stop" uninterrupted))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 09:04
S153	23	S152 with (interrupt\$3 stop\$3 pause error)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 09:05
S154	97	finish\$3 with spool\$3 with (error interrupt\$3 stop\$4 paus\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 09:23
S155	31	finish\$3 near3 spool\$3 with (error interrupt\$3 stop\$4 paus\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/09/08 09:23

